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## Patent Abstracts of Japan

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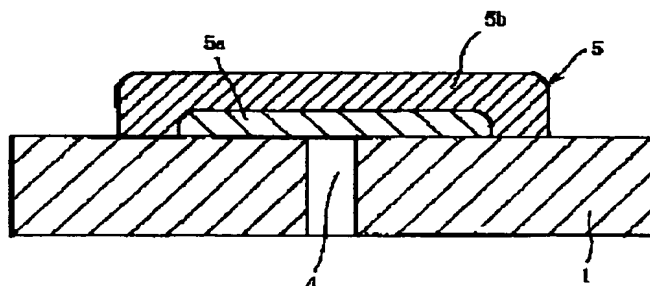
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TITLE : PELLICLE WITH HOLE PROTECTIVE  
FILTER FOR AIR PRESSURE  
REGULATION



ABSTRACT : PROBLEM TO BE SOLVED: To increase the effective area of a small hole diameter filter part on the outer side of a vent hole for air regulation and to improve a ventilation capacity without degradation of foreign matter capturing efficiency by increasing the hole diameter of the filter part near this vent hole.

SOLUTION: The vent hole 4 for air pressure regulation is formed on the side part of a pellicle frame 1 and a filter 5 for preventing the infiltration of particles is mounted at the outer flank of the pellicle frame 1 by covering the vent hole 4. In such a case, the filter 5 is so formed as large in the hole diameter on the inner side (vent hole 4 side) and small on the hole diameter on the outer side and has the laminated structure that the outer filter part 5b of the smaller hole diameter is laminated to cover the inner filter part 5a of the large hole diameter. The inside surface of the filter 5 is adhered to the outer flank of the frame 1 over the entire surface exclusive of the part facing the vent hole 4. Then, the effective area of the small hole diameter filter part 5b on the outer side may be increased and the ventilation capacity may be increased without degrading the foreign matter capturing efficiency.

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